

GOVERNMENT OF MYSORE, STORES PURCHASE COMMITTEE, BANGALORE.

No. S. P. C. 11972-83, dated 14th October 1939.

To

*The Firms dealing in Apparatus and Chemicals.**Enquiry No. 3716.*

APPARATUS AND CHEMICALS REQUIRED FOR THE INTERMEDIATE COLLEGE, BANGALORE.

DEAR SIR/GENTLEMEN:

Please be good enough to intimate your best prices, f.o.r., Bangalore, and the earliest time of delivery for the materials described in the attached schedule, in the form printed below.

It should be distinctly understood that the acceptance by us of your quotation will be subject to the following conditions:—

Withdrawal from the quotation after it is accepted or failure to make the supply within the specified time or according to specifications will entail cancellations of the order and purchases being made at your expense from other sources in addition to the levy of a penalty of 3 per cent of the value of the order as and by way of liquidated damages. In such an event, the Stores Purchase Committee reserve the right to remove your name from the list of approved firms.

The quotations should be superscribed "Quotations for Apparatus and Chemicals—Intermediate College, Bangalore" with the above enquiry Number.

This enquiry will be closed on the 1st November 1939.

SCHEDULE.

The Schedule should be returned with prices duly filled in.

List No. B. I. Z. 39/3.

No.	Description of materials	Quantity	Price f.o.r., Bangalore
1	Microscope slides 3"×1" standard quality—non-corrosive, packed in tissue paper and wax covered boxes of $\frac{1}{2}$ gross	12 gross	
2	Microscope cover glasses $2\frac{1}{2}$ "×1" Do 2"× $\frac{7}{8}$ "	12 Ozs. 8 "	
3	Specimen tubes with corks 4"×1 $\frac{1}{2}$ "	2 gross	
4	Rectangular specimen jars with ground-on cover — 15×5×3 cms. 18×8×4 cms. 20×8×4.5 cms.	2 doz. 2 " 2 "	
5	Canada Balsam bottles—conical shape with loose cap and glass rod; capacity 50 c.c.	3 Nos.	
6	Clear glass funnels—plain 100 mm. dia. Do 200 mm. dia.	6 " 3 "	
7	Mortar and pestles of glass with foot 75 mm. dia	3 "	
8	India Rubber tubing for Bunsen Burner	8 Yards	
9	Diamond Pencil for cutting sheet glass A. G. Co. No. 1552 A quality	One	
10	Glass boring outfit ADAR DUTT & Co. No. 5749— complete outfit in wooden box comprising 3 taper drills $\frac{1}{8}$ to $\frac{3}{8}$ ", two drills $\frac{3}{8}$ " to $\frac{1}{2}$ " and 3 cutters 1 dozen spare wheels and spindles, spindle extractor, oil can, camphor, together with full instructions	1 Set	
11	Pliers for breaking glass, opening parallel A. D. Co. 5768 length 6"	One	
12	Burner "Teclu" new form, dia. of tube 13 mm.— A. with air and gas regulator B. with stop cock A. D. & Co. 5672.	2 Nos. 2 "	
13	Bottles with sloping breast piece glass stoppered. Cap. 250 cc. 500 cc.	2 doz. 1 "	

List No. B. I. B. 39/2.

APPARATUS AND CHEMICALS.

Sl. No.	Description of materials	Quantity	Price f.o.r., Bangalore
1	Xylol (Merck's)	10 lbs.	
2	Paraffin (Solid)		
	50°C to 52°C	10 "	
	52°C to 54°C	10 "	
3	Cedar wood oil (pure quality, thin for cleaning)	2 "	
4	Chloroform (Merck's)	2 "	
5	Benzene	2 "	
6	Acetic acid (Glacial pure)	1 "	
7	Osmic Acid—		
	10 tubes of .1 gm.	2 grams	
	5 tubes of .2 gm.		
8	Formalin (Merck's)	5 lbs.	
9	Mercury	2 "	
10	Hæmatoxylin (Pure Crystals)	50 grams	
11	Saffranin (Alcoholic)	25 "	
12	Gentian violet	50 "	
13	Orange G.	50 "	
14	Crystal violet	25 "	
15	Eosin (water soluble)	10 "	
16	Canada Balsam (pure, dried, hard brittle)	200 "	

List No. B. I. P. 39/4 Apparatus.

Catalogue reference of Messrs. Central Scientific Supplies, Co., Ltd., Madras

1	2832-3 Protractors, transparent, celluloid, 4" diam.	12 Nos.
2	2207 A Specific Gravity bottles 10 c.c.	12 "
3	1883 Water decomposition apparatus Hoffman's demonstration type, graduated	One.
4	2173 A Pyknometer 10 c.c.	12 Nos.
5	3796 Cast Iron bursting bottles	12 "

List No. B. I. B. 39/3 Apparatus and Chemicals.

1	Cover glass, Noncorrosive	
1	5/8" circle	5 ozs.
	Do 2" x 3/4" rectangular No. 0	7 "
	Do 2 1/2" x 3/8" do	8 "
2	Micro-slides, Non-corrosive	
	3" x 1" packed in tissue paper, and wax covered boxes of 1/2 gross for tropical use	10 gross
3	Rubber tubing for Bunsen Burners (Fisher)	50 feet
4	Cork presser (Best finish), wheel pattern on wooden base	One.
5	Mortar and Pestle	One.
6	Kilner Jars-7 lbs. capacity	6 Nos.

List No. B. I. G. 39/2 Apparatus and Chemicals.

Ref.—Leitz Cat. No. 47 D.en. Microscopic Accessories.

1	5824—Microscope Lamp (page No. 88).	One.
	Extra bulbs for above	3 Nos.

Ref.—Leitz Cat. 'Optik der Metallindustrie'

2	Extra bulbs for Leitz illuminating magnifier (code word "Eubte")	3 Nos.
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List No. B. I. Z. 39/1, Chemicals.

Sl. No.	Description of materials	Quantity	Price f.o.r., Bangalore
1	Ether Sulphuric Kahlbaum's	2 lbs.	
2	Formaldehyde 40 per cent Merck	8 "	
3	Tincture Benzoin Co-meth—B.P.	1 lb.	
4	Osmic acid .25 gm. tubes	6 tubes	
5	Picric acid (in water)	2 lbs.	
6	Xylol pure. Merck's	6 "	
7	Canada Balsam dried, hard brittle	2×100 grams.	
8	Clove oil pure (Stafford Allein's)	2 lbs.	
9	Cedarwood oil pure (Merck's)	2 "	
10	Paraffin filtered. Solid 54-56 m.p. Grubler's Homogeneous quality specially meant for Histological purposes	10 lbs.	

List No. B. I. Z. 39/2, Appliances.

1	Table lamps, rose wood, about 10" in height with oxidised copper keyholder, with tilting arrangement, base weighted, and with two holes in the base for series connection	9 Nos.	
2	Flexible cord connectors, two-way, bakelite for series connection	9 pairs	
3	Hand shield reflectors (Aluminium) corrugated	24 Nos.	
4	Wiring charges for the above table lamps	Lumpsum	

No. S. P. C. 11133-40, dated 17th October 1939.

To

*The Firms dealing in Laboratory Materials.**Enquiry No. 3719.*

LABORATORY MATERIALS REQUIRED FOR THE WOMEN'S COLLEGE, BANGALORE.

DEAR SIR/GENTLEMEN,

Please be good enough to intimate your best prices and the earliest time of delivery for the materials described in the attached schedule, in the form printed below.

It should be distinctly understood that the acceptance by us of your quotation will be subject to the following conditions:—

Withdrawal from the quotation after it is accepted or failure to make the supply within the specified time or according to specifications will entail cancellations of the order and purchases being made at your expense from other sources in addition to the levy of a penalty of 3 per cent of the value of the order as and by way of liquidated damages. In such an event, the Stores Purchase Committee reserve the right to remove your name from the list of approved firms.

The quotations should be superscribed "Quotations for Laboratory materials required for the Maharani's College, Bangalore," with the above enquiry number.

This enquiry will be closed on the 31st October 1939.

- SCHEDULE -

List No. M. C. B/9/1 Z.

Item No.	Description of material offered	Quantity	Price quoted	Time of delivery
			F. O. R.	
1	Lenses, Triple folding in ham mount 1" diameter	One dozen	Bangalore.	
2	Bone-cutting Forceps, polished steel with spring handle 6½" long	Two		
3	Diamond for writing on glass	One		

Item No.	Description of material offered	Quantity	Price quoted	Time of delivery
			F. O. R.	
			Bangalore.	
4	Formaldehyde 40 per cent Vol. pure	2 lbs.		
5	Chloroform pure	2 lbs.		
6	Aquarium Jar, Rectangular pattern— Height Width Length 16 × 25 × 35 cms.	One		
7	Aurelia flamidula	1 dozen		
8	Hydra expanded	1 dozen		
9	Hydra with buds	1 dozen		
10	Obelia Geniculata Colony	2 dozens in a tube		
11	Polystomellan for 25 students			
12	Foraminiferam shells	1 tube.		
13	Nereis Diversicolor	2 dozens		
14	Amphiokus small for section cutting	1 1/2 "		
15	Sepiella for class work	1 "		
16	Dog Fish for dissection	2 "		

List No. M. C. B. 39/2-C.

Item No.	Name of apparatus	Catalogue No.	Manufacturing Co.	Quantity	Price f.o.r., Bangalore
1	Hivoc Chemical Balance	No. 2	Balance Works, Benares.	1	
2	Laboratory Scales, Diameter of pans 16 cms.	" 600	Central Scientific Company.	1	
3	Arsenic Apparatus with 1 Doz. Spare Arsenic Tubes.	" 761A	Becker & Co., U.S.A.	1	
4	Decomposition of Steam	No. 1,767	Becker & Co., U.S.A.	1	
5	Apparatus for demonstrating diffusion	" 2,643	Do	2	
6	Victor Meyer's apparatus for Vapour Density with 1 doz., stoppered bottles.	" 4,283	Do	1	
7	Reagent bottles 4 oz., capacity	" 1,084	Do	2 Dozs.	
8	Charts— (a) Coal gas manufacture (b) Ammonia—Oxidation plant.	" 5,475	Do	2	
9	Ozone Induction tube	" 3,950	Do	1	
10	Explosion tube. 10" long and 2 1/2" wide.	" 3,484	Do	6	
11	Boyle's law apparatus	" 11,287	Do	1	

List No. M. C. B. 39/3. P.

1	Thermopile of Bismuth and Antimony with 60 pairs.	No. 3,363	Becker & Co.	1	
2	Becker's Registered Model Sextant	No. 1,132	Do	1	

List No. M. C. B. 39/4. B.

Item No.	Name of Apparatus	Quantity	Price f.o.r., Bangalore
1.	Objectives (Low & High power) and eyepiece for Leity Medium Microscope already supplied to the College	1	
2	Winkel Zeiss Microscope for instruction and practice, inclinable through 90° with non-extensible tube, fixed circular stage, fixed condenser, sliding sleeve and cylinder diaphragm with 3 stops in older case with lock and key, achromatic objective 10×42 triple revolving nose-piece	1	
3	Botany chart, painted in colours, on stout paper, mounted on cloth and roller and varnished size 34"×28"	1	
4	Insectivorous plants chart, printed in colours on stout paper, mounted on cloth and roller and varnished 34×28"	1	
5	Farmee's potometer for Transpiration	1	
6	Rubber corks of different sizes, with one hole and two holes.	2 Dozens	
7	Corical flasks with an opening at the side and rubber cork, capacity 500 c.c.	4	
8	Aluminium Shell (Big size) to hold a flower pot of ordinary size	1	
9	Parosilic plants (a chart)	1	

No. S. P. C. 11117-32, dated 18—19th October 1939.

To

The Firms dealing in Radio Materials.

Enquiry No. 3720.

RADIOGRAPHIC UNITS, ETC., REQUIRED FOR THE COLLEGE OF ENGINEERING.

DEAR SIR/GENTLEMEN,

Please be good enough to intimate your best prices and the earliest time of delivery for the materials described in the attached schedule, in the form printed below.

It should be distinctly understood that the acceptance by us of your quotation will be subject to the following conditions:—

Withdrawal from the quotation after it is accepted or failure to make the supply within the specified time or according to specifications will entail cancellations of the order and purchases being made at your expense from other sources in addition to the levy of a penalty of 3 per cent of the value of the order as and by way of liquidated damages. In such an event, the Stores Purchase Committee reserve the right to remove your name from the list of approved firms.

The quotations should be superscribed "Quotations for Radiograph Unit, etc." with the above enquiry Number.

This enquiry will be closed on the 6th November 1939.

Schedule:

Item No.	Description of the Article	Quantity	Price quoted f.o.r., Bangalore
1	Radiographic Unit and X-Ray Tube—		
	(a) Radiographic and Fluoroscopic unit, 200-250 V. 50 to 60 Cycles	One	
	(b) X-Ray Tube Radiator type	One	
2	Air Line Call System—		
	Montgomery Ward's Inter-communication System	Three Units	
3	Wireless and Radio—		
	(a) Crystal Microphone	One	
	(b) 40 watts undistorted output Amplifier Unit	One	
	(c) 12" permanent Magnet Heavy duty Speakers	Three	
	(d) Kit of parts for an A. C. 25 to 60 cycles Receiver complete with tubes	One	
4	Refrigerator Unit and an A. C. Small Generator—		
	(a) Refrigerator Unit second hand in working condition	One	
	(b) An A. C. Small Generator 220 V. 500 watts, 3,000 R.P.M.	One	

No. S. P. C. 11317-26, dated 16th October 1939.

The Firms dealing in Machinery.

Enquiry No. 3724.

SAMPLE CUTTING MACHINE, ETC., REQUIRED FOR THE TECHNOLOGICAL INSTITUTE.

DEAR SIR/GENTLEMEN,

Please be good enough to intimate your best prices and the earliest time of delivery for the materials described in the attached schedule, in the form printed below.

It should be distinctly understood that the acceptance by us of your quotation will be subject to the following conditions:—

Withdrawal from the quotation after it is accepted or failure to make the supply within the specified time or according to specifications will entail cancellations of the order and purchases being made at your expense from other sources in addition to the levy of a penalty of 3 per cent of the value of the order as and by way of liquidated damages. In such an event, the Stores Purchase Committee reserve the right to remove your name from the list of approved firms.

The quotations should be superscribed "Quotations for Sample Cutting Machines, etc." with the above enquiry Number.

This enquiry will be closed on the 31st October 1939.

Schedule.

Item No.	Description of material offered	Quantity	Price quoted	Time of delivery
			F. O. R.	
1	Sample Cutting Machine for cutting samples for textile fabrics having serrated knife-edges. Samples to be cut up to 6" in width	One	Bangalore.	
2	Super Heater Electric Irons with variable heat adjustment and self-switching off arrangements. Out of them two to be of 5½ lbs. and one of 7½ lbs.	Three		
3	Stencil Cutting Machine with three dozen spare blades	One		

No. S. P. C. 11304-16, dated 14th October 1939.

To

The Firms dealing in Telephone cable fittings.

Enquiry No. 3727.

MAIN DISTRIBUTION CABINETS FOR THE EXTENSION OF THE BANGALORE AUTOMATIC TELEPHONE EXCHANGE.

GENTLEMEN,

I write to request you to quote your best prices and earliest time of delivery for the following materials conforming to the specifications given below:—

Item No. *Description of materials.*

A. Main Distribution cabinets, out-door type for connecting underground, armoured, lead covered, paper insulated cables of the following capacities:—

(1) Main Distribution cabinet for 1,300 pairs of in-coming and out-going lines, without lightning protectors.

(2) Do do 650 pairs do do

(3) Do do 330 pairs do do

B. Terminal Boxes with carbon lightning arresters for mounting on walls or poles of the following capacities:—

15 terminal boxes suitable for taking a cable of 55 pairs.

20 do do 30 pairs.

25 do do 15 pairs.

The Main Distribution Cabinet required under Item (A) should be made in 2 sections. The top section of the cabinet shall be made of welded sheet iron, having a door in the front with a locking device, the complete cabinet and the door when closed should be weather-proof.

The top and bottom section shall be so constructed that when the top section of the cabinet is placed on the bottom the whole cabinet must stand firmly on the ground and must give a neat appearance of a pillar box of pleasing rectangular shape. Provision should be made for a weather-proof inlet at the bottom of the main distribution cabinet for the cables which are to be connected to the terminal boxes inside the cabinet.

Necessary mounting frames, wire guides, cable guides are to be fixed inside the cabinet for mounting the terminal boxes, etc.

The terminal boxes that are to be fixed inside the cabinet are intended for terminating armoured, lead covered, paper insulated telephone cables of 200 and 100 pairs. They should be provided with cable inlet tubings and with necessary materials for air-tight joints between the terminal box and the lid.

The terminal blocks shall be made of insulating materials and equipped with brass screw terminals for connecting jumpering wire at the front and with soldering studs of solid tinned brass at the back, for connecting the paper insulated cable cores. The terminal blocks should be delivered with the necessary insulated materials for fixing.

The terminal boxes required under Item (B) are intended for terminating lead covered, paper insulated telephone cables and shall be provided with suitable cable inlet and outlet holes to make an air-tight joint.

The tenders should be accompanied with full specifications and details of construction of the Distribution Cabinet and terminal boxes offered, along with drawings and photographs, without which the tender will not be considered.

The prices to be quoted should be for delivery, c.i.f., Madras.

The quotation should be sent in duplicate.

This enquiry will close on the 10th December 1939.

No. S. P. C. 11289-303, dated 14th October 1939.

To

The Firms dealing in Telephone Materials.

Enquiry No. 3728.

TELEPHONE MATERIALS FOR THE ELECTRICAL DEPARTMENT.

GENTLEMEN,

I write to request you to quote your best prices and earliest time of delivery for the following materials:—

<i>Item No.</i>	<i>Details of materials</i>	<i>Quantity required</i>
1.	Cells U-2 for electric torch lights ..	500
2.	Cells dry inert No. 4 G. E. C.	40
3.	Cells inert dry No. 55 Siemens ..	700
4.	Cord flexible for telephone transmitter ..	137 ft.
5.	Jars glass for No. 1 Leclanche cells ..	66
6.	Jars glass for No. 2 Leclanche cells ..	140
7.	Mouth pieces for telephones ..	42
8.	Pots porous No. 1 ..	200
9.	Do No. 2 ..	100
10.	Plugs with cord for telephone exchange board ..	12
11.	Receivers for telephones ..	30
12.	Receiver and transmitter combined for telephones ..	25
13.	Rods Zinc No. 1 ..	200
14.	Do No. 2 ..	500
15.	Salamoniac tabaloids ..	360 lbs.
16.	Transmitters for telephones ..	15

The prices to be quoted should be for delivery, f.o.r., Bangalore or free delivery C. P. S. Central Stores, Bangalore.

This enquiry will close on the 9th November 1939.

No. S. P. C. 11274-88, dated 18th October 1939.

To

*The Firms dealing in Electric Lamps.**Enquiry No. 3729.*

ELECTRIC LAMPS FOR KRISHNARAJASAGAR DIVISION.

GENTLEMEN,

I write to request you to quote your best prices and earliest time of delivery for the following materials:—

Sl. No.	Names of Bulbs	Unit	Quantity
1	Lamps, 230 volts, 1,000 watts, gas filled clear flood lighting lamps with goliath screw cap	No.	15
2	Do 230 volts, 500 watts do do	"	3
3	Lamps, 230 volts, 1,000 watts, gas filled general service type for flood lights	"	15
4	Lamps, 230 volts, 300 watts, gas filled, general service type	"	12
16	'Neon Tubes' Straight & Bends (Size and shape will be specified while placing the order)	R.ft.	100

The prices to be quoted should be for delivery, f.o.r., Belagola.
This enquiry will close on the 13th November 1939.

No. S. P. C. 12150-58, dated 17th October 1939.

To

*The Firms dealing in Motor Bicycles.**Enquiry No. 3736.*

MOTOR BICYCLES.

DEAR SIR/GENTLEMEN,

Please be good enough to intimate your best prices and the earliest time of delivery for the materials described in the attached schedule, in the form printed below.

It should be distinctly understood that the acceptance by us of your quotation will be subject to the following conditions:—

Withdrawal from the quotation after it is accepted or failure to make the supply within the specified time or according to specifications will entail cancellations of the order and purchases being made at your expense from other sources in addition to the levy of a penalty of 3 per cent of the value of the order as and by way of liquidated damages. In such an event, the Stores Purchase Committee reserve the right to remove your name from the list of approved firms.

The quotations should be superscribed "Quotations for Motor Bicycles" with the above enquiry Number.

This enquiry will be closed on the 31st October 1939.

Schedule.

Item No.	Description of material offered	Quantity	Price quoted	Time of delivery
			F. O. R.	
	Light motor bicycles	Two	Bangalore City.	

Full description of the machines should be furnished.

Yours faithfully,

T. RANGASWAMI,

Secretary,

Stores Purchase Committee.

No. S. P. C. 12245, dated 14—18th October 1939.

NOTICE.

Enquiry No. 3722.

Sealed tenders will be received by the Secretary, Stores Purchase Committee, for the supply of power-driven Turret Lathe and welding machine required for the year 1939-40 up to the 30th of November 1939.

Intending tenderers may, on application to the Secretary, Stores Purchase Committee, obtain the requisite details of our requirements.

By Order,

T. RANGASWAMI,

Secretary,

Stores Purchase Committee.